

METHOD AND APPARATUS FOR  
LEXICAL ANALYSIS

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## ABSTRACT OF THE DISCLOSURE

10 A lexical analyzer for processing computer programming languages is provided. The lexical analyzer can detect single character or multi-character delimiters, as well as single and/or multi-character delimiter-tokens included in an input stream. In response to detecting a delimiter, the lexical analyzer returns a token representing a string immediately preceding the delimiter in the input stream. Upon detecting a delimiter-token, the lexical analyzer stores the delimiter-token, and returns it on a subsequent call to the analyzer.

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